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(54) Title: METHODS FOR IDENTIFYING MODULATORS OF QUADRUPLEX NUCLEIC ACIDS

(57) Abstract: Featured herein is a method for identifying candidate molecules that interact with a nucleic acid having an intramolecular parallel quadruplex structure. The candidate molecules often are screened *in vitro* to determine whether they modulate the biological activity of the nucleic acid and sometimes are administered to a subject *in vivo* to treat a cell proliferative condition. Also provided are methods for stabilizing an intramolecular parallel G-quadruplex conformation of a nucleic acid by contacting the nucleic acid with a quadruplex-interacting molecule.